

ECS/EMD Configuration Change Request

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Page(s)

1. Originator Jon Velapoldi	2. Log Date: 10/14/04	3. CCR #: 04-0561	4. Rev: —	5. Tel: (301) 925-0982	6. Rm #: 3109A	7. Org. CM
8. CCR Title: Reorganize Disk partitions on cmserv01						
9. Originator Signature/Date Jon Velapoldi /s/ 10/13/04			10. Class IN	11. Type: CCR	12. Need Date: 10/20/2004	
13. CCR Sponsor Signature/Date Arthur Cohen /s/ 10/14/04			14. Category of Change: EDF/Infrastructure		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): none			17. Schedule Impact: none		18. CI(s) Affected: ClearCase Backups	
19. Release Affected by this Change: none		20. Date due to Customer: 10/20/2004		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: none						
23. Problem: (use additional Sheets if necessary) The minimal backup set for capturing a full ClearCase backup is now larger than 32 Gigabytes. The temporary disk cache for performing these backups, housed on cmserv01 in the /data1 partition, is 32 Gigabytes, and must be expanded.						
24. Proposed Solution: (use additional sheets if necessary) Combine the disk partitions /data1 and /data2 on cmserv01 into one drive. This will create a single 64 gigabyte partition that will be sufficient to hold the minimal ClearCase backup.						
25. Alternate Solution: (use additional sheets if necessary) Obtain another temporary disk location that is greater than 32 Gigabytes to act as the temporary cache for the full daily ClearCase backup.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) We will not have a complete or stable ClearCase backup. If a catastrophic failure occurs within the ClearCase subsystem, we will permanently lose that piece of data.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. SCDV CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. EDF CCB Chair (Sign/Date): Kevin Lange /s/ 10/14/04			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			